

## **ABSTRACT OF THE DISCLOSURE**

A system and method for enabling a zero configuration nomadic wireless and wired computing environment presenting a just works experience is presented. The system examines predefined user preference or profile settings to determine to which of a competing number of wireless networks available it should connect, and what type of authentication should be used for such connection. Nomadic wireless computing between infrastructure wireless networks and ad hoc wireless networks may be accomplished without further user intervention required in an auto mode. Also, both infrastructure only and ad hoc only modes are available through the system of the invention. Further, the user may set a preference for infrastructure or ad hoc modes in the auto mode. With an infrastructure mode preference set, the system will automatically detect and transfer connectivity to a newly available infrastructure wireless network if the user was previously operating off-line or in ad hoc mode.

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